Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

I
F765Fo
Challis
Reserve
Flat
Folio

U. S. Department of Agriculture
FOREST SERVICE
GIFFORD PINCHOT, Forester

FOREST ATLAS

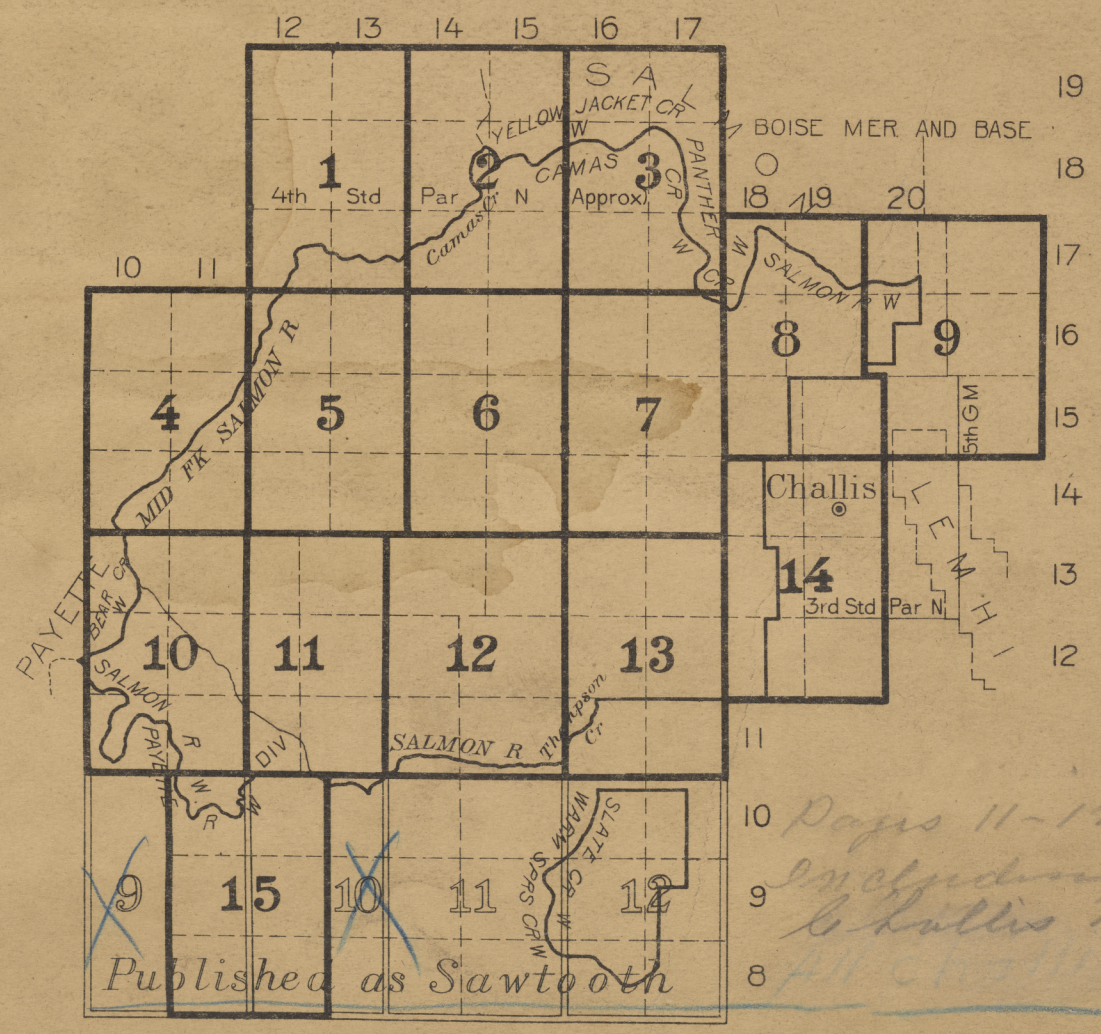
OF THE

NATIONAL FORESTS OF THE UNITED STATES

CHALLIS

FOLIO

8—841



USDA
LIB

COMPILED AND PRINTED BY THE U. S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

Pages 11-12 of the Sawtooth
Enlargement written there
6 Challis N.F.
All Challis 11-28-21-
5 10 13

FOREST ATLAS

GENERAL CLASSIFICATION

Commercial Timber

- Less than 2,000 B.F. per acre
- 2,000 to 5,000 B.F. per acre
- 5,000 to 10,000 B.F. per acre
- 10,000 to 25,000 B.F. per acre
- 25,000 to 50,000 B.F. per acre

- Woodland, cordwood, poles, etc.
- Chaparral or brush
- Sagebrush
- Grassland, parks, etc.
- Barren, above timber line, etc.
- Desert
- Burn, not restocking
- Burn, scattering trees or restocking
- Burn, forest cover established (The color indicates the stand)
- Windfall
- Bug-killed or diseased
- Old cutting, less than $\frac{1}{3}$ of the merchantable timber removed
- Old cutting, $\frac{1}{3}$ to $\frac{2}{3}$ of the merchantable timber removed
- Old cutting, $\frac{2}{3}$ to all of the merchantable timber removed

- Timber sales, less than $\frac{1}{3}$ of the merchantable timber removed
- Timber sales, $\frac{1}{3}$ to $\frac{2}{3}$ of the merchantable timber removed
- Timber sales, $\frac{2}{3}$ to all of the merchantable timber removed

- Cultivated
- Irrigated

TITLE

- (A) State lands, approved
- (○) State lands, not approved
- I Indian allotments
- L Lieu selections
- PB Pending base
- RP Railway lands, patented
- R Railway lands, not patented
- HP Homesteads, patented
- H Homesteads, not patented
- CE Cash entry
- T Timber and stone
- C Coal entry
- D Desert entry
- TE Townsite entry

- Mineral lode claims, patented
- P Mineral placer claims, patented
- M Mineral mill site, patented
- MC Mineral classification

GRAZING MAP LEGEND

- Supervisor's headquarters
- Supervisor's division
- Ranger's division
- Grazing districts
- Open for all stock
- Open for cattle and horses only
- Open for sheep and goats only
- Closed for all stock
- Lambing grounds
- Driveways for stock
- Corral

CONVENTIONAL SIGNS

- Block line
- Compartment line, sales
- Boundary line for all other classifications
- Grant line
- Telegraph line
- Telephone line
- Power line
- Pipe line
- Aqueduct
- Railroad
- Tramway
- Wire rope conveyor
- Wagon road
- Secondary or private road
- Pack trail
- Foot trail
- Fire line
- Fence
- Ditch
- Flume
- Slide
- Log driving route
- Rollway
- Skidway
- Bridge
- Ferry
- Ford
- Experimental nursery (area)
- Experimental nursery (location)
- Permanent nursery (area)
- Permanent nursery (location)
- Forested by natural seeding
- Forested by artificial seeding } For planting maps
- Forested by planting
- Location of Silvical experiments
- Corral
- Supervisor's headquarters
- Ranger's headquarters, no house
- Ranger's headquarters, with house
- House
- Railroad station
- Stage station
- Power station
- Hotel
- Store
- School
- Church
- Cemetery
- TEL. Telegraph office
- TLP. Telephone office
- Cabin
- Dairy
- Logging camp
- Sawmill, portable
- Sawmill, stationary
- Grist mill
- Grist and sawmill
- Apiary
- Windmill
- Well
- Quarry or gravel pit
- Mine location, unpatented
- Mine shaft
- Triangulation station
- B.M. 1232 Bench mark.

ALPHA-NUMERIC SYMBOLS FOR WESTERN COMMERCIAL TREE SPECIES

These will be used on maps, where limited space makes necessary, in the following manner:

D129=Pseudotsuga taxifolia, average stand 29,000 B.M. per acre

Q612=Quercus agrifolia, average stand 12 cords per acre

T67=Thuja plicata, average stand 7 tele-poles per acre

PO	Pinus contorta (murrayana)	Lodgepole Pine
1	flexilis	Limber Pine
2	monticola	Western White Pine
3	lambertiana	Sugar Pine
4	ponderosa	Yellow Pine
5	coulteri	Coulter Pine
6	sabiniana	Gray Pine
7	jeffreyi	Jeffrey Pine
8	radiata	Monterey Pine
9	attenuata	Knobcone Pine
B2	strobiformis	Mexican White Pine
5	albicaulis	White-bark Pine
6	torreyana	Torrey Pine
7	edulis	Pinon
9	monophylla	Single-leaf Pinon
AI	Abies magnifica	Magnificent Fir
2	concolor	White Fir
3	shastensis	Shasta Fir
4	nobilis	Noble Fir
5	lasiocarpa	Alpine Fir
6	grandis	Lowland Fir
7	arizonica	Arizona Cork Fir
8	amabilis	Lovely Fir
9	venusta	Bristle-cone Fir
S2	Picea engelmanni	Engelmann Spruce
3	parryana	Blue Spruce
5	breweriana	Weeping Spruce
6	sitchensis	Sitka Spruce
DI	Pseudotsuga taxifolia	Douglas Fir (Red)
5	macrocarpa	Bigcone Spruce
H5	Tsuga mertensiana	Black Hemlock
6	heterophylla	Western Hemlock
RI	Sequoia sempervirens	Redwood
5	washingtoniana	Bigtree
C5	Chamæcyparis nootkatensis	Yellow Cedar
6	lawsoniana	Port Orford Cedar
T6	Thuja plicata	Red Cedar
L5	Larix lyallii	Alpine Larch
7	occidentalis	Western Larch
O5	Libocedrus decurrens	Incense Cedar
K5	Cupressus macnabiana	Macnab Cypress
6	macrocarpa	Monterey Cypress
7	arizonica	Arizona Cypress
8	goveniana	Gowen Cypress
JI	Juniperus utahensis	Utah Juniper
2	pachyphlœa	Alligator Juniper
4	occidentalis	Western Juniper
5	sabinoides	Mountain Juniper
7	californica	California Juniper
9	monosperma	One-seed Juniper
QO	Quercus chrysolepis	Canyon Live Oak
1	californica	California Black Oak
2	lobata	California White Oak
3	douglasii	Blue Oak
4	garryana	Pacific Post Oak
5	wislizeni	Highland Oak
6	agrifolia	California Live Oak
7	gambelii	Gambel Oak
8	densiflora	California Tanbark Oak
9	engelmanni	Engelmann Oak
M2	Acer macrophyllum	Oregon Maple
5	glabrum	Dwarf Maple
9	negundo californicum	California Boxelder
WO	Populus trichocarpa	Black Cottonwood
2	fremontii	Fremont Cottonwood
5	tremuloides	Aspen
7	angustifolia	Narrowleaf Cottonwood
FI	Fraxinus pennsylvanica	Red Ash
6	oregona	Oregon Ash
8	lanceolata	Green Ash
UI	Prunus demissa	Western Choke Cherry
Y7	Platanus wrightii	Arizona Sycamore
8	racemosa	California Sycamore
XO	Salix lasiandra	Western Black Willow
2	sessilifolia	Silverleaf Willow
9	amygdaloides	Almondleaf Willow

U.S. Improvements made by the United States are marked U. S.

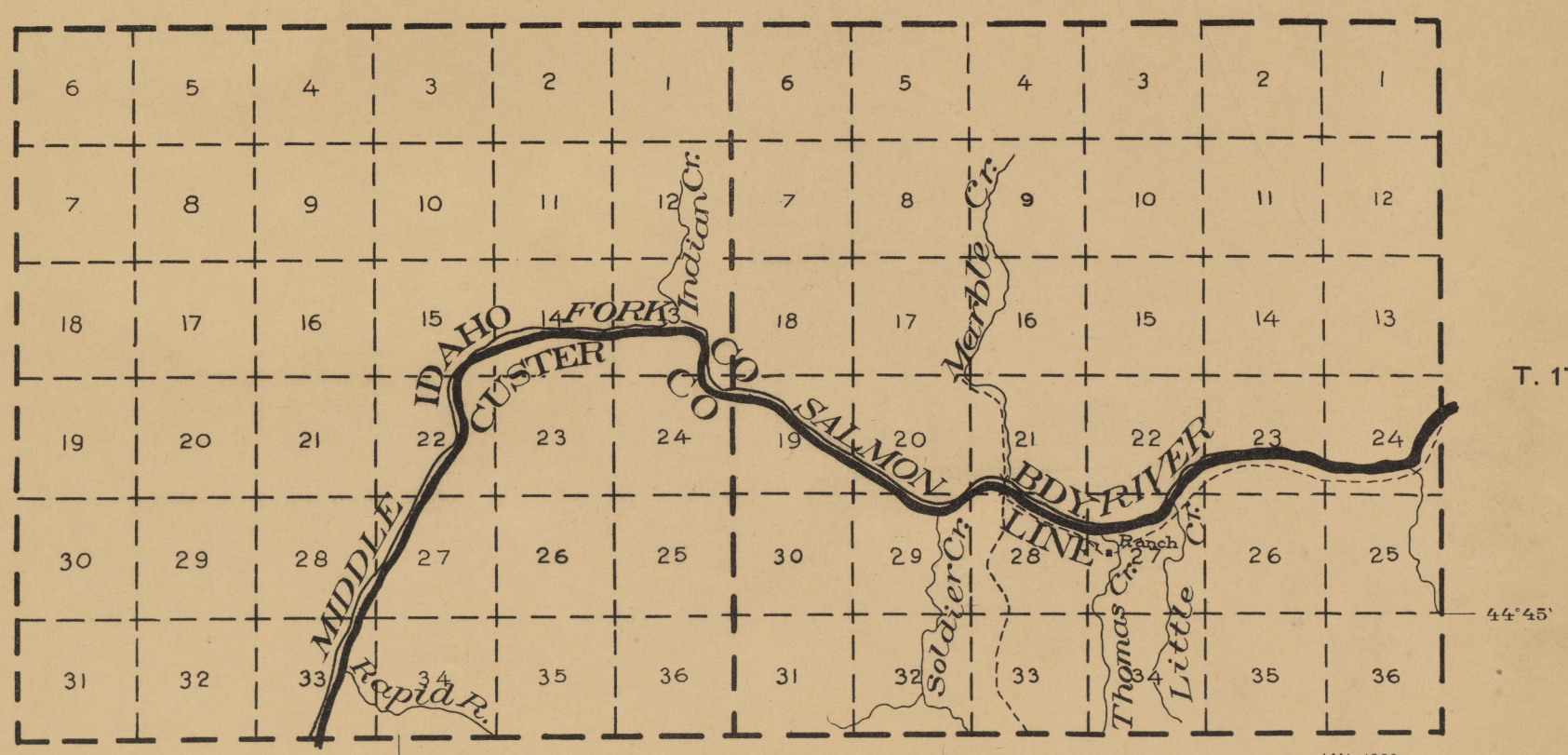
Proposed improvements are shown by the appropriate sign and designated by "Proposed" on the margin of the maps

Abandoned improvements are shown by zeros O O O O and designated on the margin of the maps

Additional buildings may be shown by using the house sign (▬) with a written designation; thus:

- ▬ Slaughter house
- ▬ Livery barn
- ▬ Sanatarium

etc., etc.

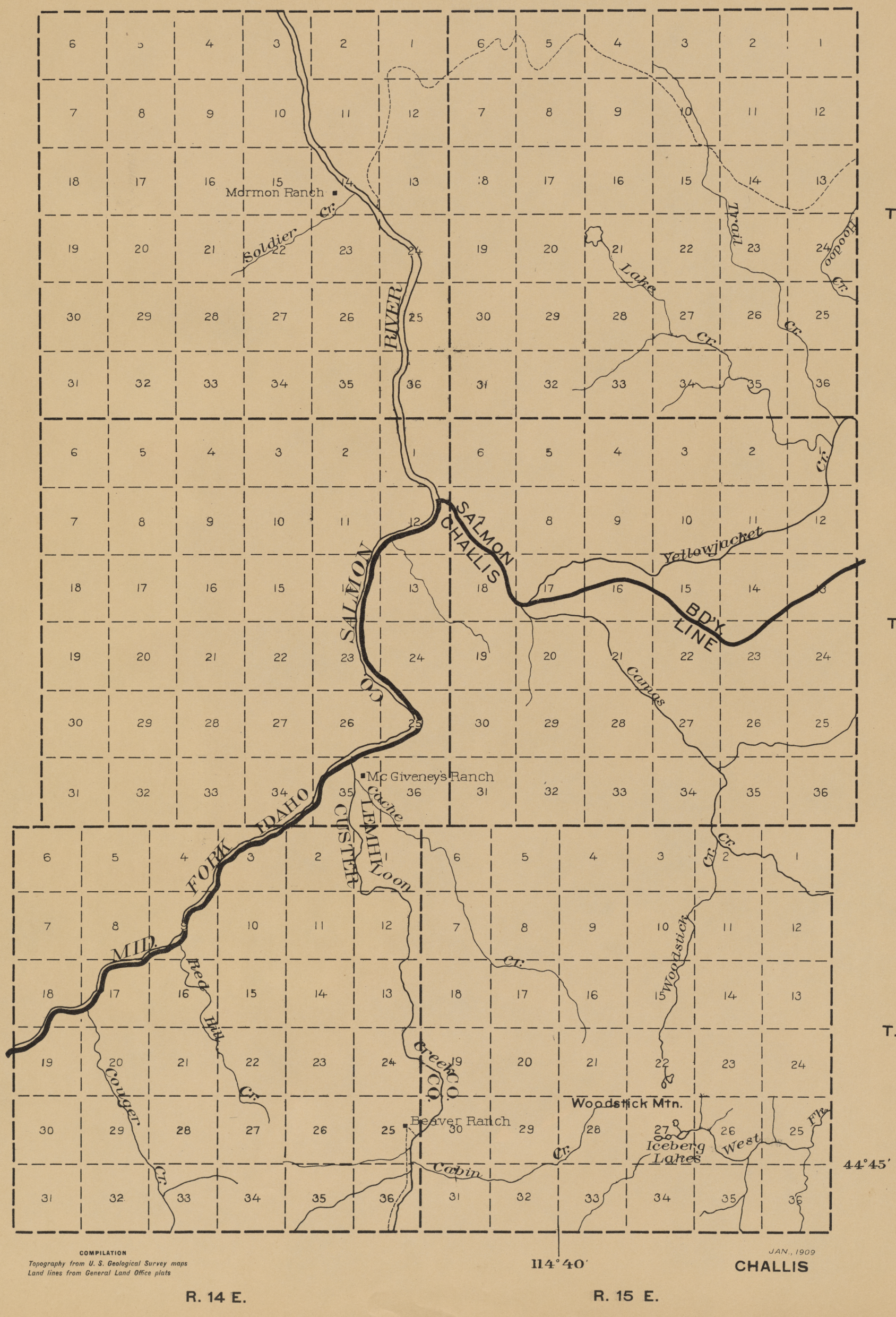


COMPILATION

Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

JAN., 1909

CHALLIS

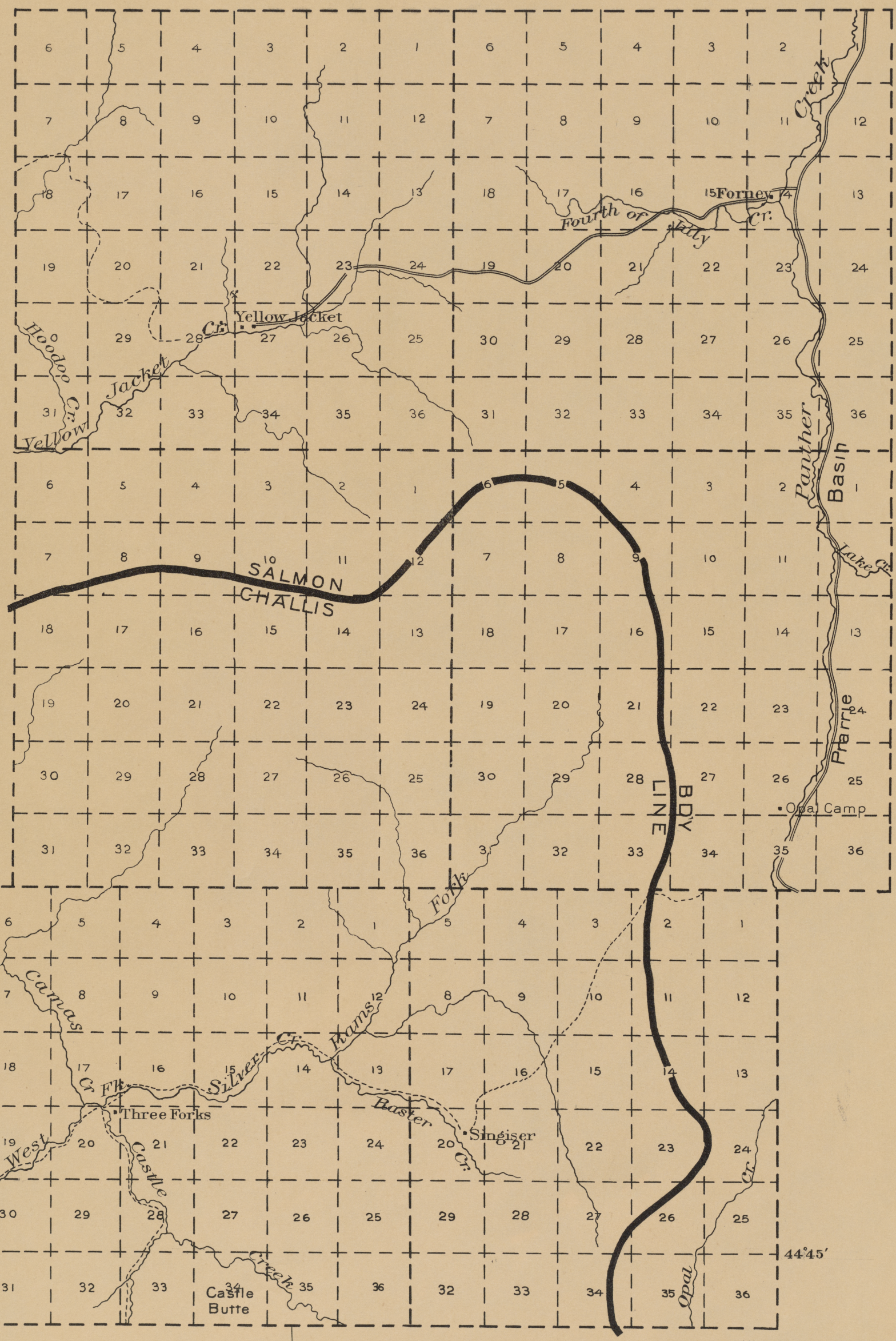


COMPILATION

Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

JAN., 1909

CHALLIS

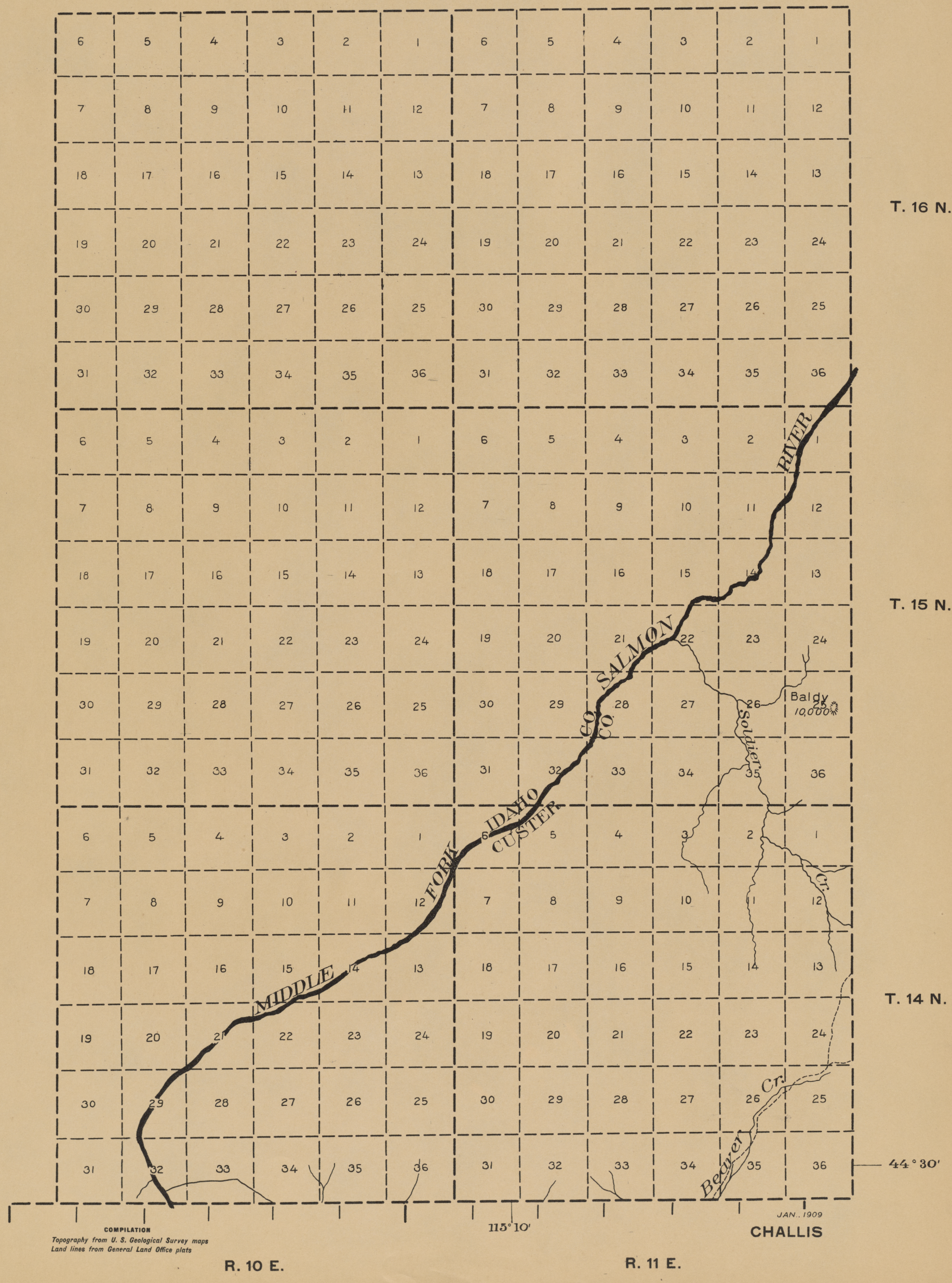


COMPILATION

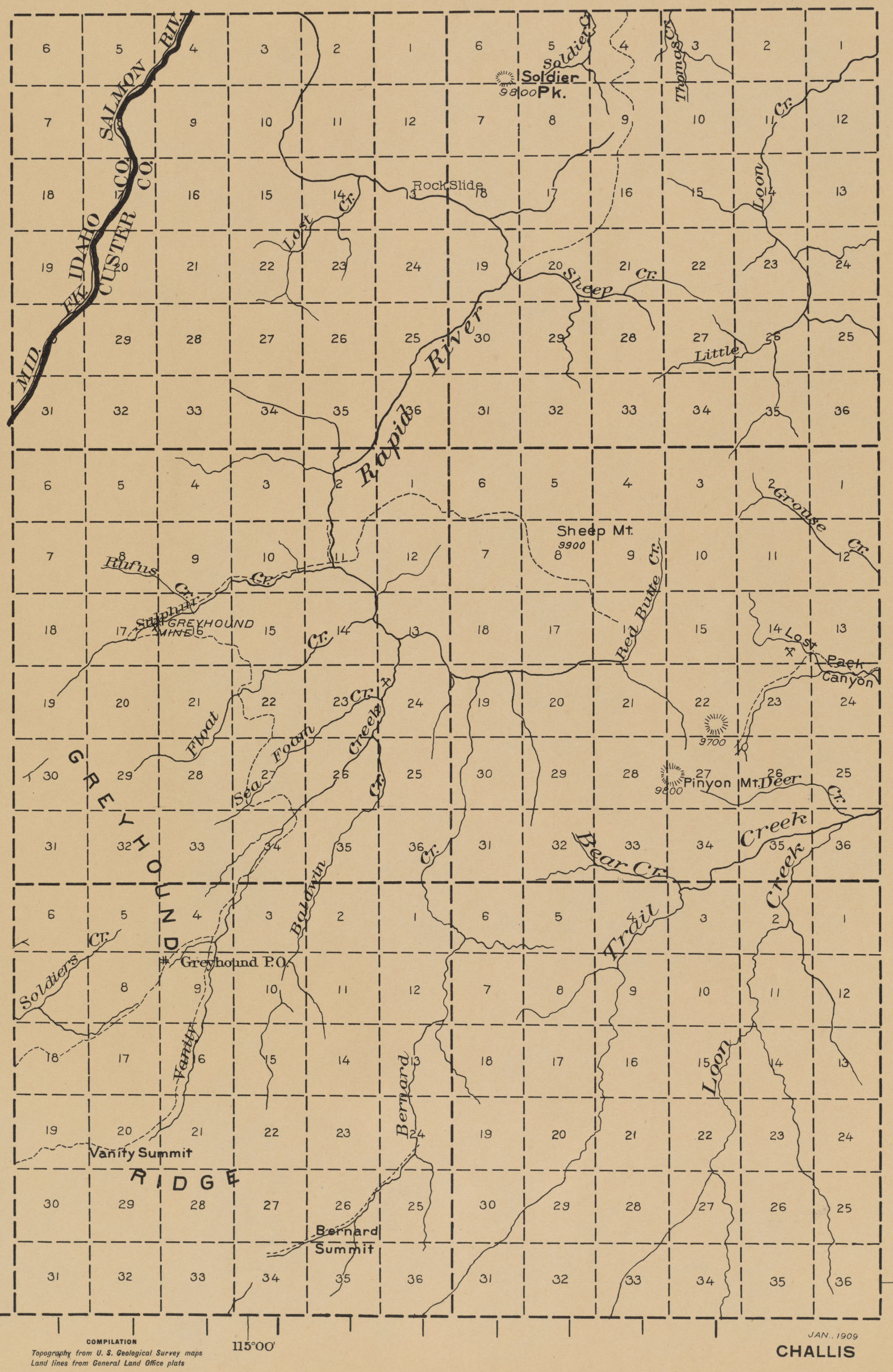
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

JAN., 1909

CHALLIS

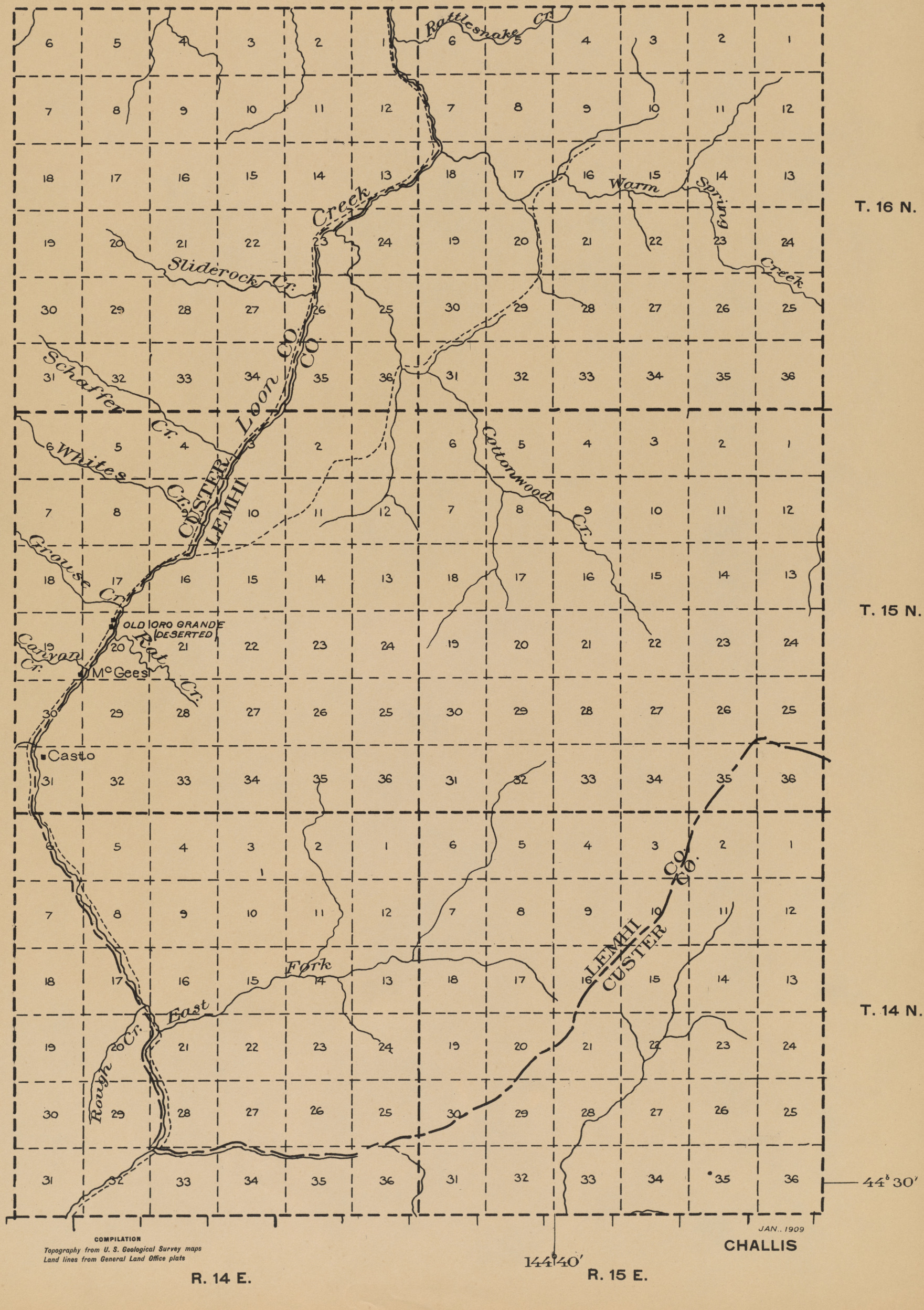


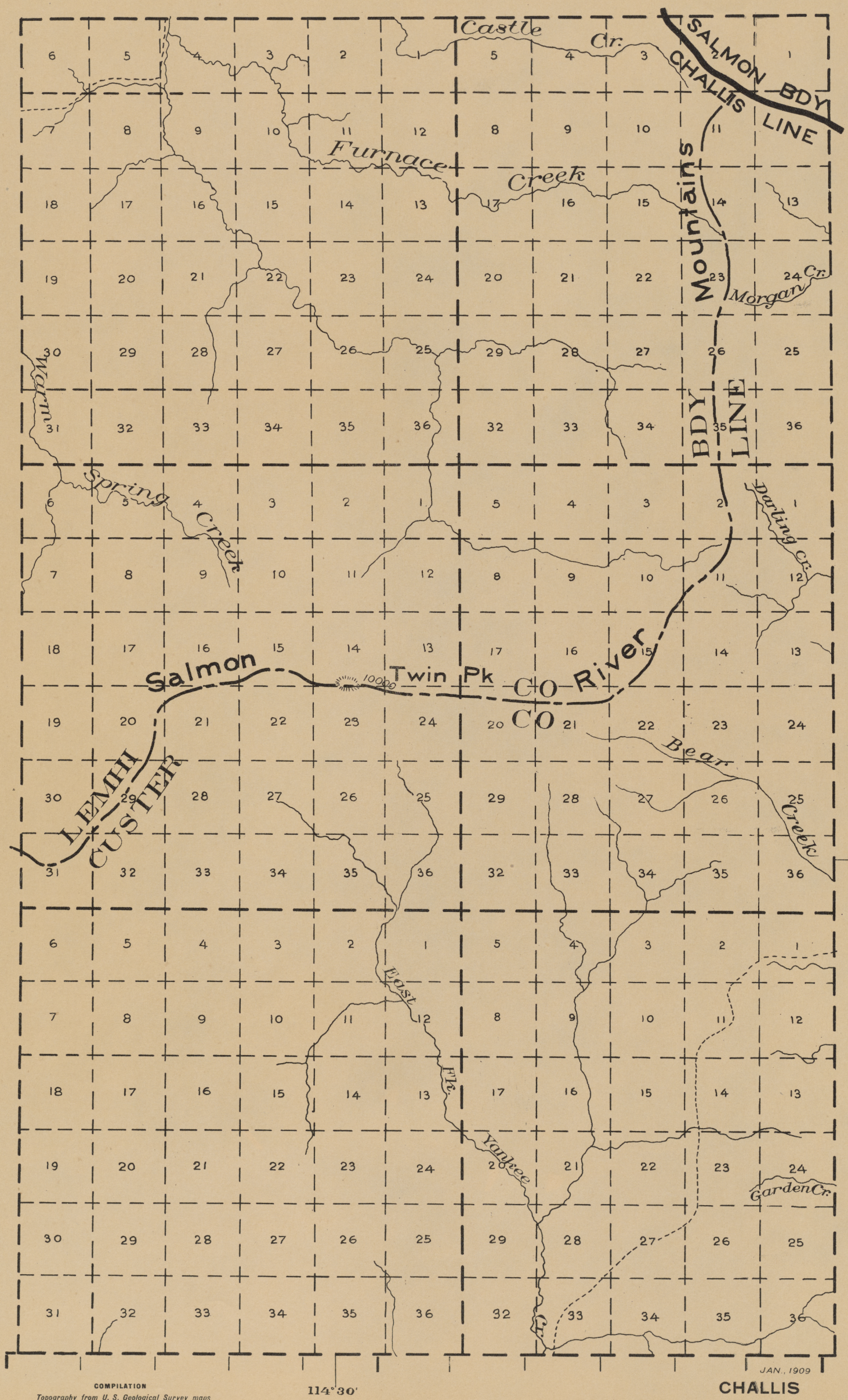
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats



COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

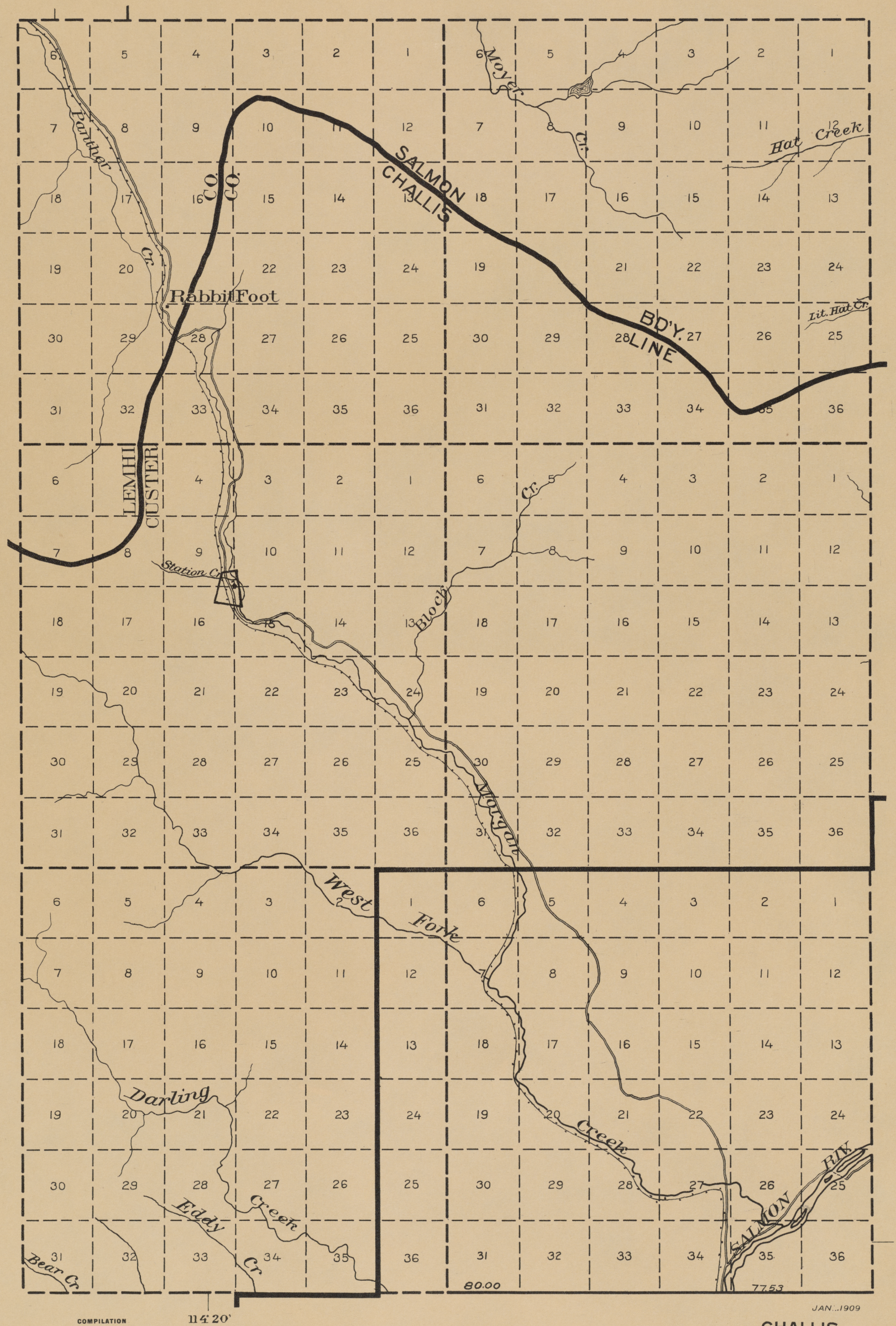
JAN., 1909
CHALLIS


Rattlesnake Cr.
Warm Spring Creek
Slideroek Cr.
Schaffer Cr.
Whites Cr.
Grouse Cr.
Canyon Cr.
Rat Cr.
Cottonwood Cr.
Rough Cr.
East Fork
LOON CO.
CUSTER
LEMHI
CO.
CO.
OLD ORO GRANDE DESERTED
McGees
Casto
T. 16 N.
T. 15 N.
T. 14 N.
44° 30'
144° 40'
R. 14 E.
R. 15 E.
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909
CHALLIS



COMPILATION

Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

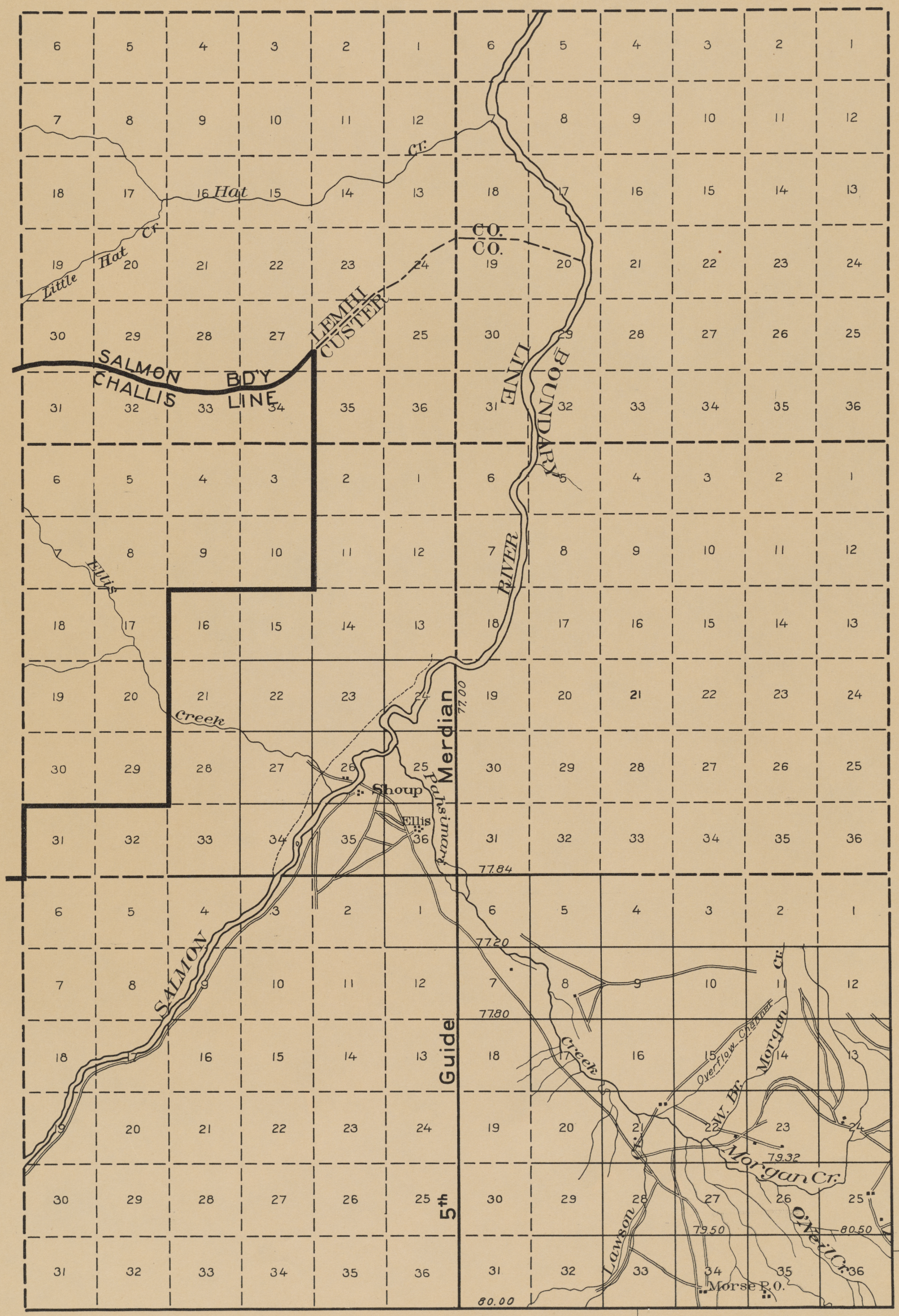


COMPILATION

Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

JAN...1909

CHALLIS

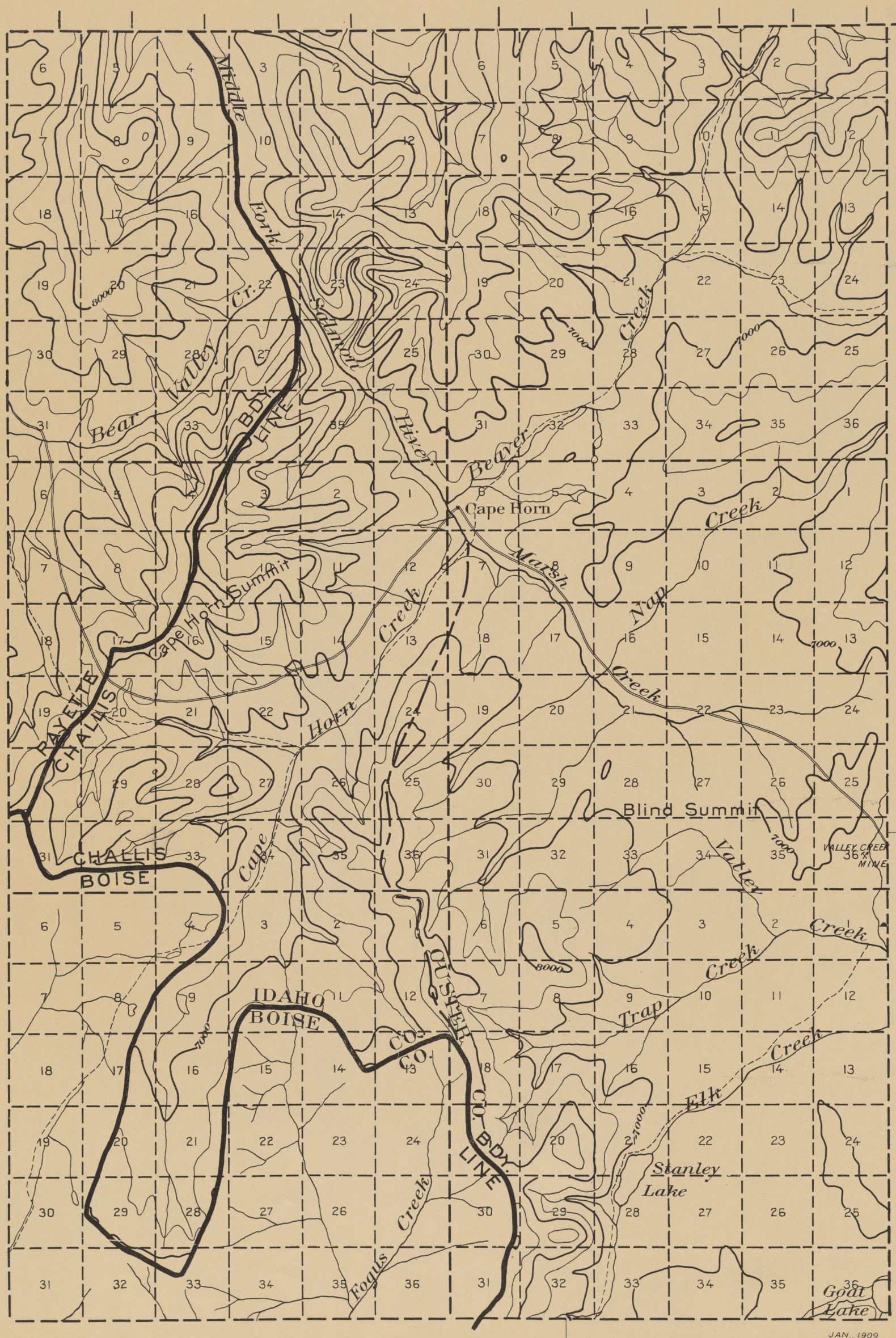


COMPILATION

Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

JAN., 1909

CHALLIS



COMPILATION

Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

JAN., 1909

CHALLIS

T. 13 N.

T. 12 N.

T. 11 N.

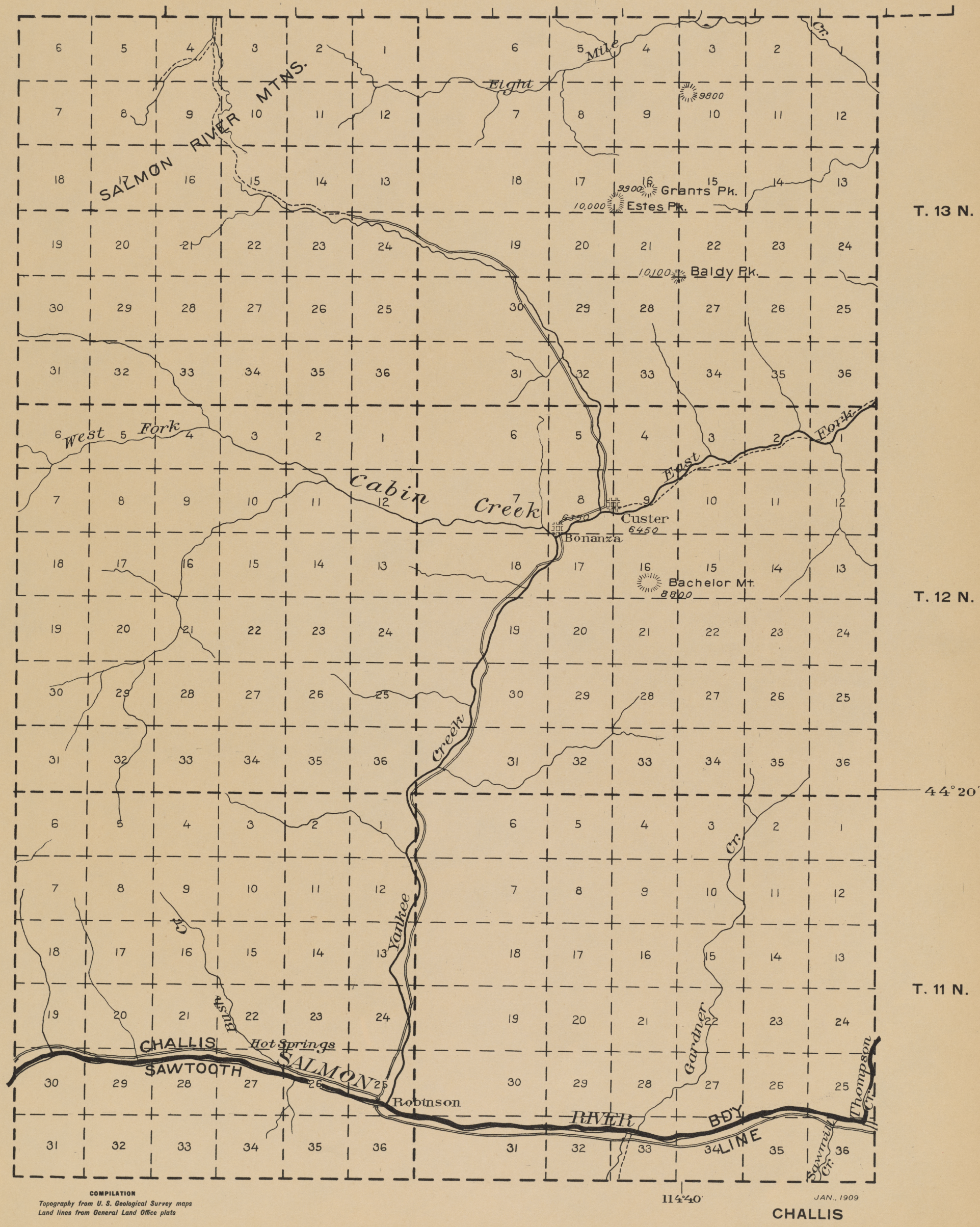
Beaver Creek
Trail Cr.
Loon Cr.
Cabin Cr.
W. Fk. Cabin Cr.
N. Fk. Valley Cr.
Valley Cr.
Flat Cr.
Stanley Cr.
Stanley Creek
Basin Creek
Joe's Cr.
Nip and Tuck
Goat Lake
SALMON RIV.
Stanley
8000
44°20'
115°00

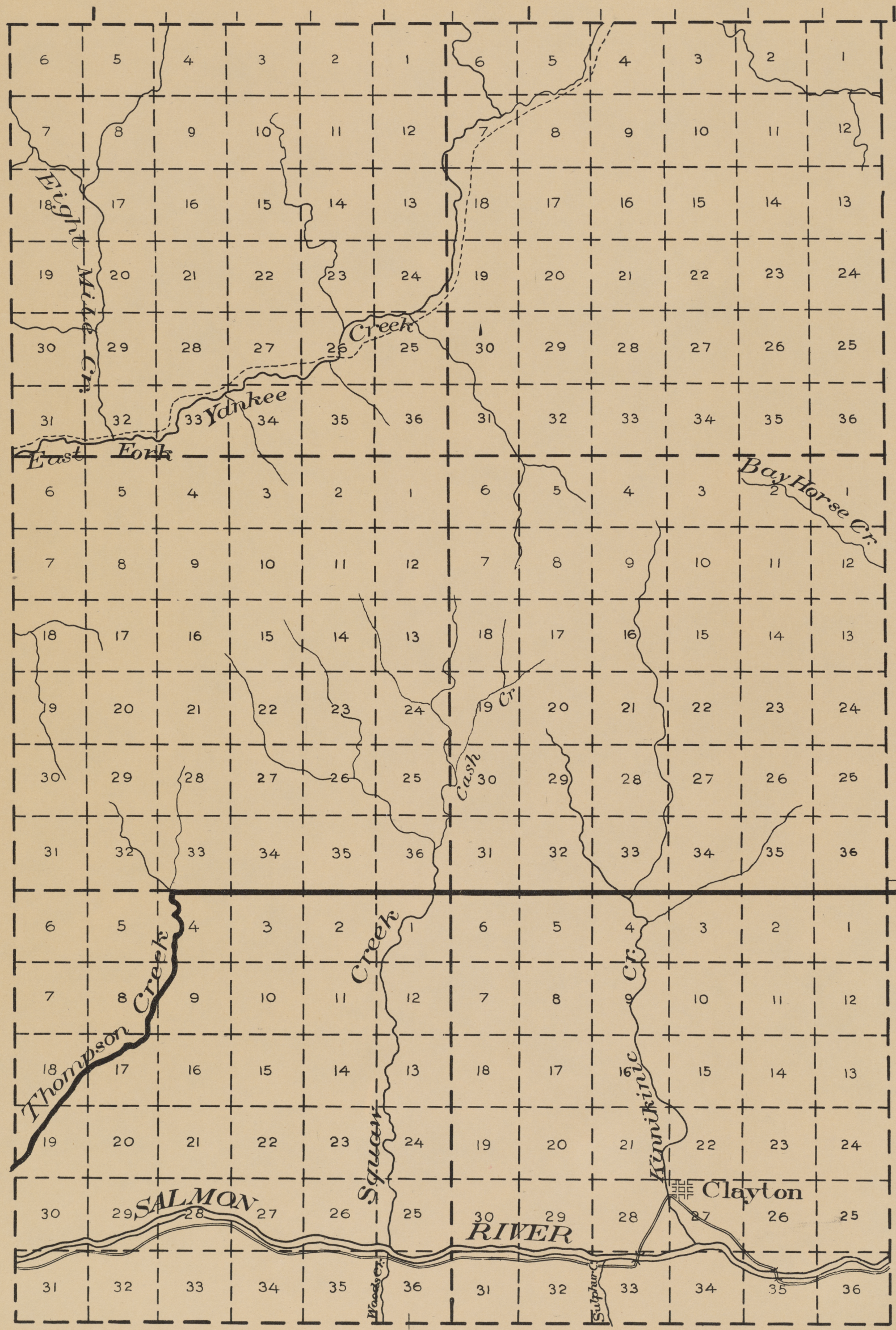
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

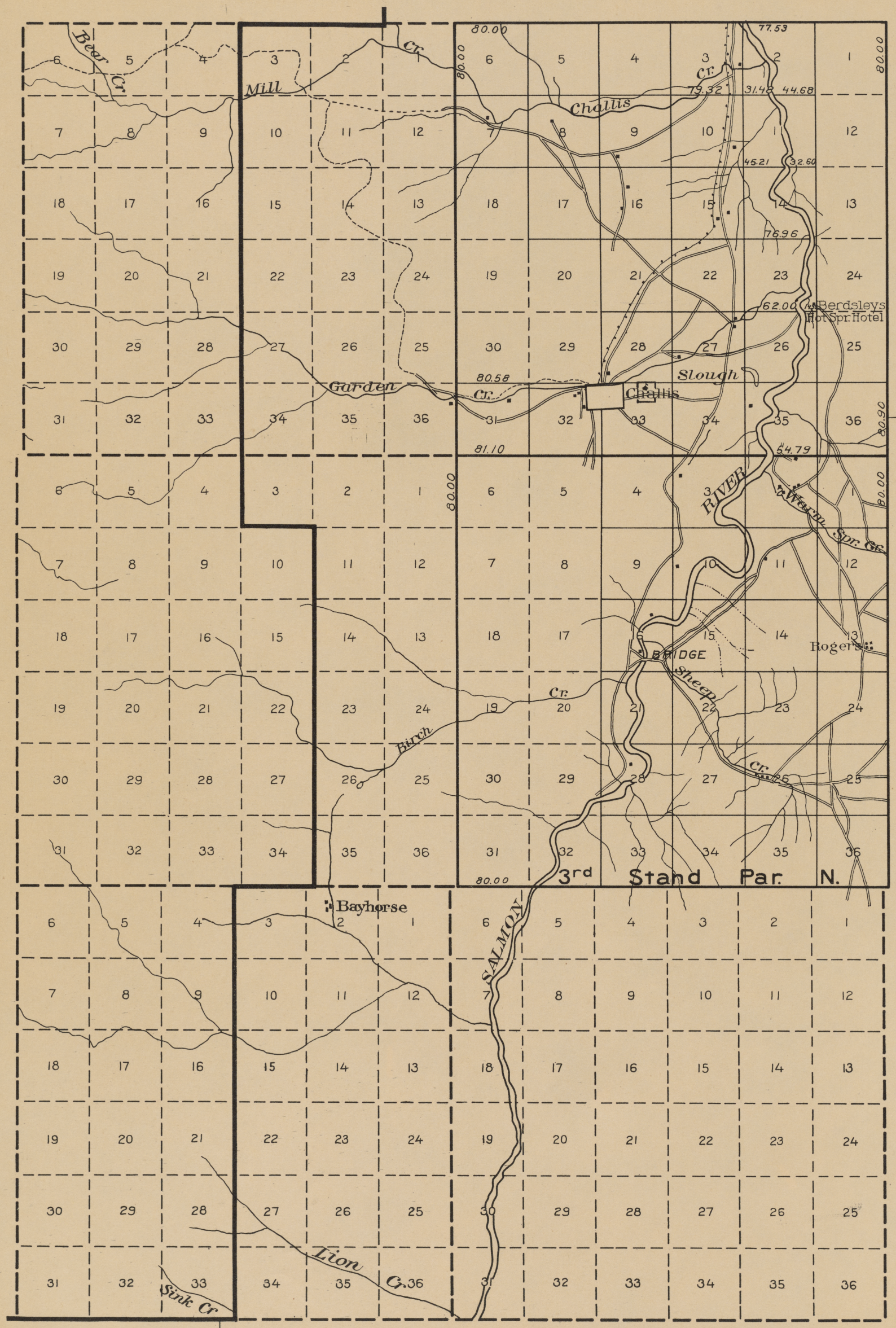
JAN., 1909
CHALLIS

R. 12 E.

R. 13 E.


SALMON RIVER MTNS.
Eight Mile Cr.
9800
Grants Pk.
9900
Estes Pk.
10,000
Baldy Pk.
10,100
West Fork
Cabin Creek
East Fork
Custer
6450
Bonanza
6350
Bachelor Mt.
8800
Yankee Fork
Cr.
Gardner
Thompson Cr.
Sawmill Cr.
CHALLIS
Hot Springs
SAWTOOTH
SALMON
RIVER
Robinson
BDY
LIME
T. 13 N.
T. 12 N.
T. 11 N.
44°20'
114°40'
R. 14 E.
R. 15 E.
CHALLIS
JAN., 1909
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats


Eight Mile Cr.
Yankee Fork
Creek
Bay Horse Cr.
Cash
Thompson Creek
Squaw Creek
Kinnikinic Cr.
Clayton
SALMON RIVER
Woods Cr.
Sulphur Cr.
T. 13 N.
T. 12 N.
T. 11 N.
44° 20'
114° 30'
R. 16 E.
R. 17 E.
CHALLIS
JAN., 1909
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats



T. 14 N.

T. 13 N.

T. 12 N.

44°30′

114°20′

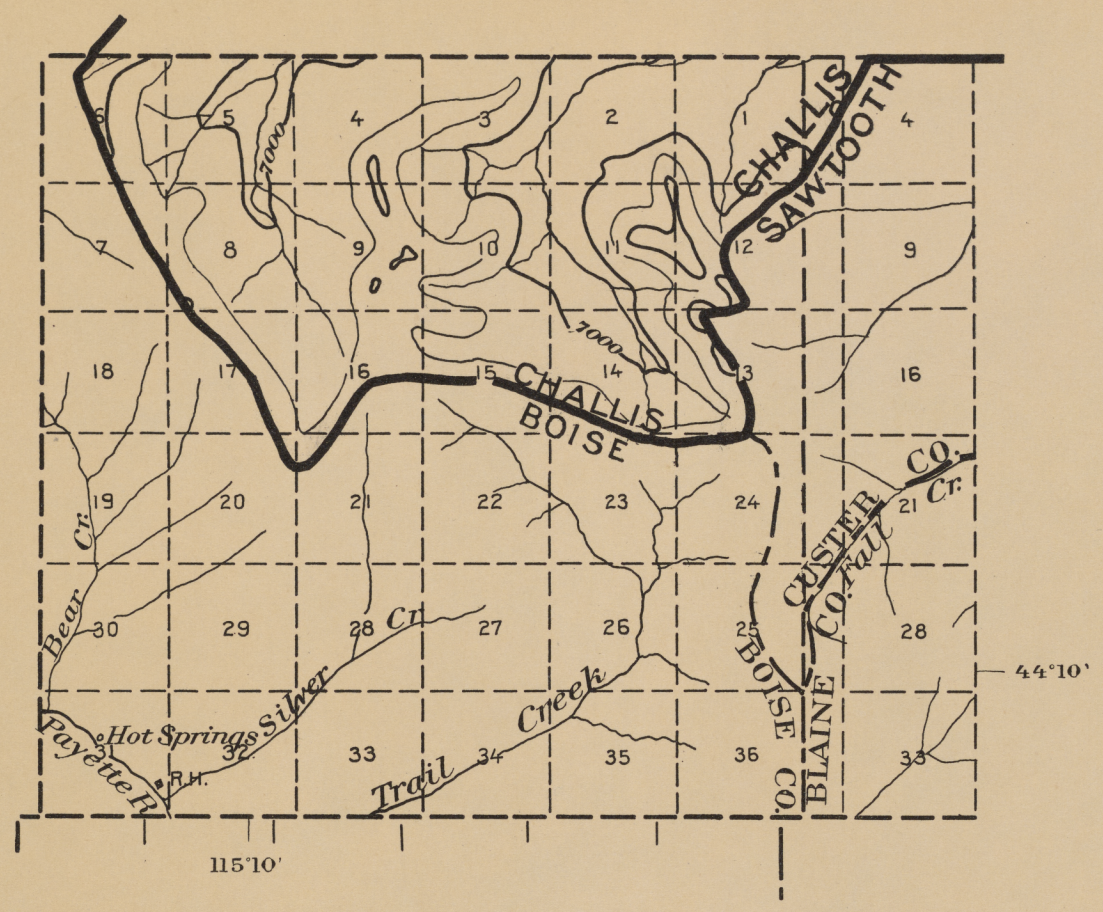
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

JAN., 1909

CHALLIS

R. 18 E.

R. 19 E.



T. 10 N.

COMPILATION

Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

JAN., 1909

CHALLIS

R. 11 E.

R. 12 E.

11

Hot Springs

SALMON RIVER

Robinson

Warm Springs Creek

Sawmill Creek

Champion Cr

State Cr

T. 10 N.

44°10′

T. 9 N.

White Cloud Peak
12,500

Fourth of July Creek

SALMON RIVER

T. 8 N.

44°00′

Yellow Belly Lake

Pierson

Whites Hot Springs

Germania Basin

R. 14 E.

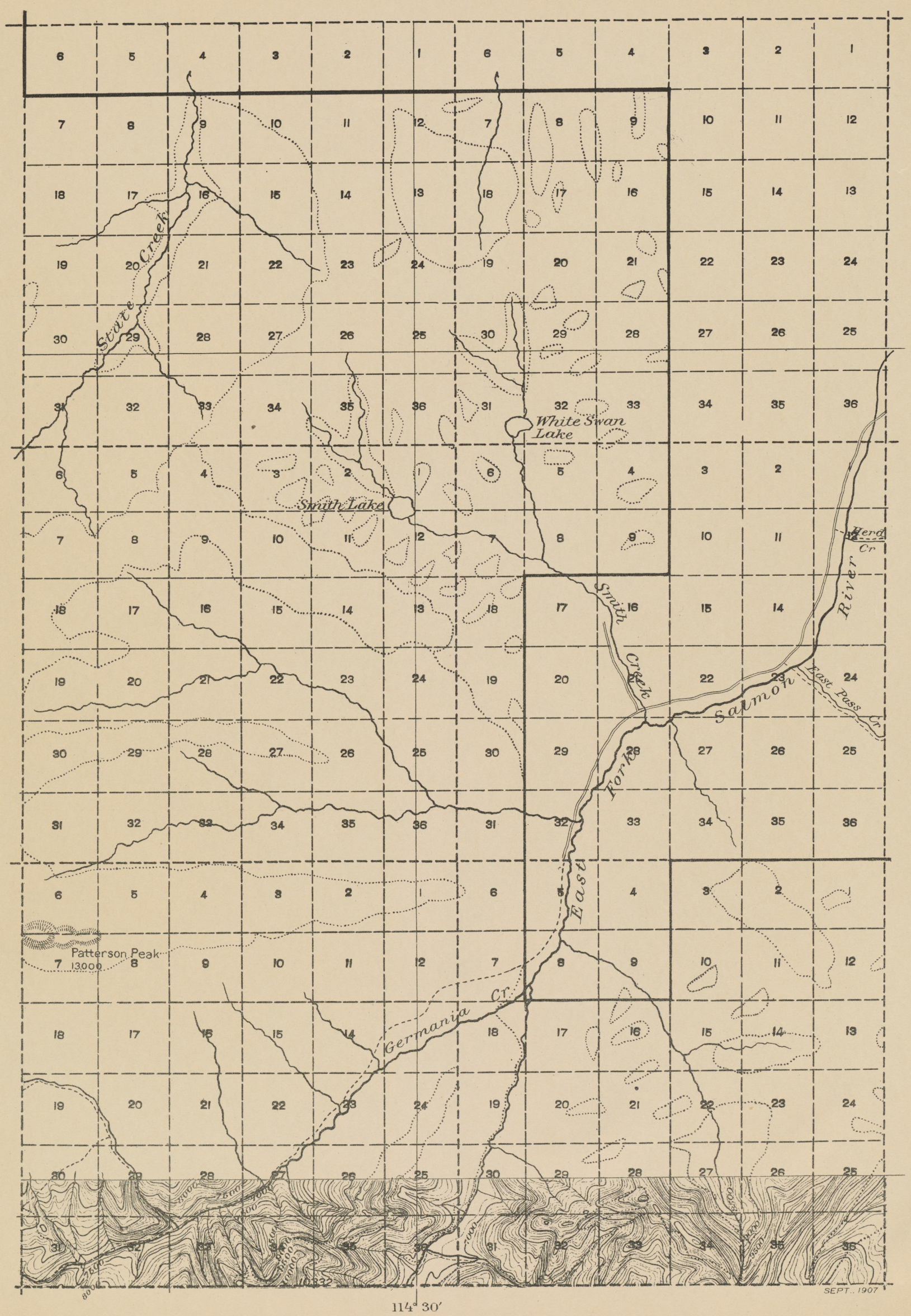
R. 15 E.

114°40′

SEPT., 1907

SAWTOOTH

BOISE MERIDIAN



T. 10 N.

T. 9 N.

T. 8 N.

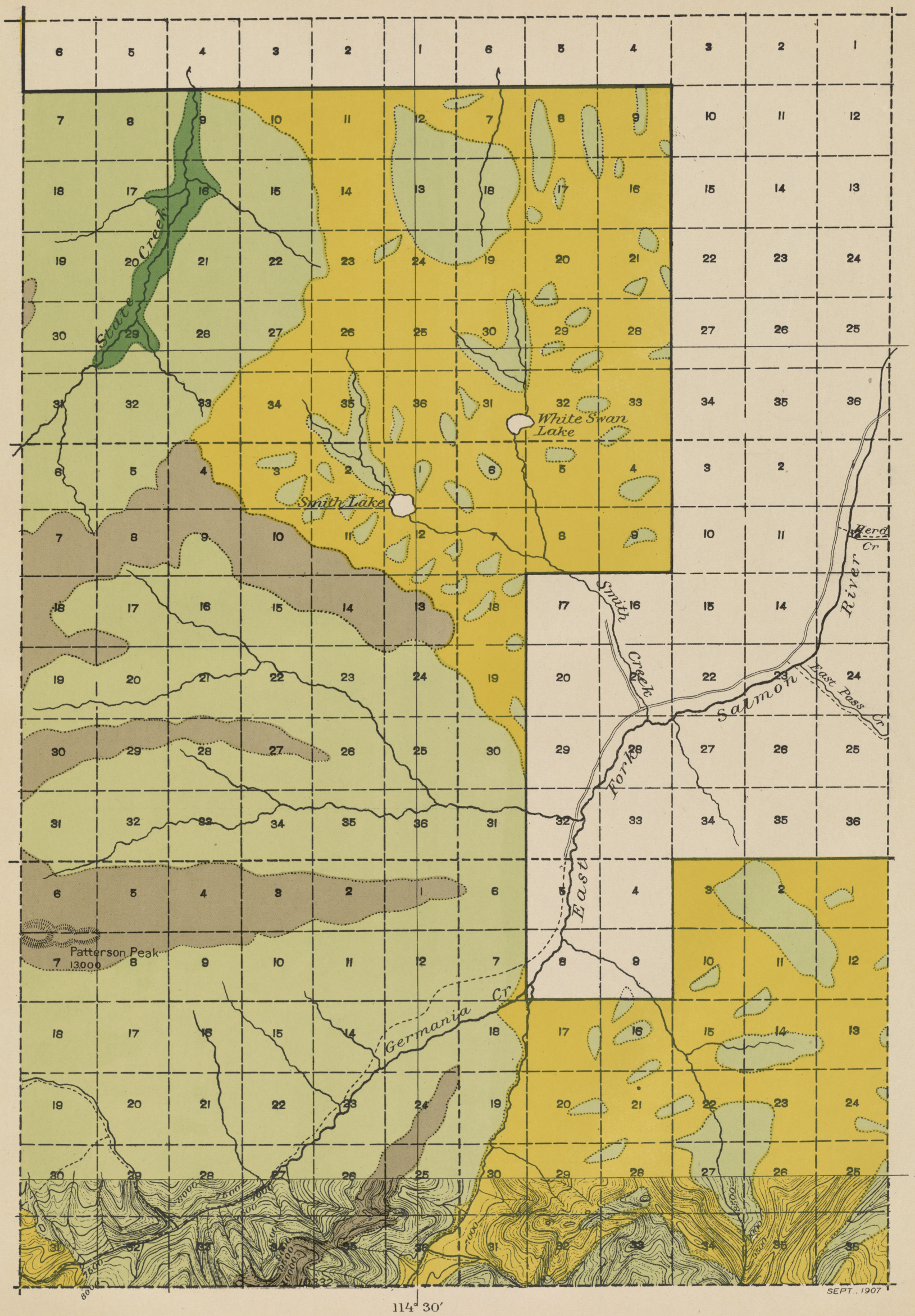
R. 16 E.

R. 17 E.

SAWTOOTH

BOISE MERIDIAN

Hot Springs
SALMON RIVER
Robinson
Warm Springs Creek
Sawmill Creek
Champion Cr
State Cr
Fourth of July Creek
SALMON RIVER
White Cloud Peak
12,500
Yellow Belly Lake
Pierson
Whites Hot Springs
Pettit Lake
Germania
T. 10 N.
T. 9 N.
T. 8 N.
44°10′
44°00′
114°40′
R. 14 E.
R. 15 E.
SEPT., 1907
SAWTOOTH
BOISE MERIDIAN



SAWTOOTH

BOISE MERIDIAN